

ABSTRACT OF THE DISCLOSURE

Applicable to humans, animals and fish, a method for injecting thoroughly diffused ambient
5 air or disinfectant into water prior to its delivery into a therapy tank plus an underwater PZT
probe transmission of separate stable and transient cavitation signals from which a
microcomputer determines, 1) the average number of transducer generated sinoidal equal
amplitude alternating compression and rarefaction ultrasonic acoustic pressure waves cycles
necessary to create inertial and/or transient cavitation and the required number of rectified
10 sinoidal equal amplitude ultrasonic compression acoustic pressure waves necessary to
suppress the inertial/transient cavitation and thereby maintain stable cavitation for cleaning
and open-wound therapy treatment for 15-minutes, (or greater) time periods and, 2) the
necessary dilution of water and disinfectant and its activation by dual-mode transient
cavitation to kill the pathogens shed by the "patient" following "patient" cleaning or wound-
15 therapy treatment.